

## WHAT IS CLAIMED IS:

1. A tooth whitening product, comprising:  
a backing layer;  
a tooth whitening composition comprising first and second polymers, water, and a tooth whitening agent, wherein said first polymer is polyethelene oxide and said second polymer is polyvinyl alcohol.
2. The tooth whitening product of claim 1, wherein the concentration of said first polymer is between about 10% and about 90% by weight of said tooth whitening composition.
3. The tooth whitening product of claim 1, wherein the concentration of said second polymer is between about 0.5% and about 50% by weight of said tooth whitening composition.
4. The tooth whitening product of claim 1, wherein the concentration of said water is between about 2% and about 90% by weight of said tooth whitening composition.
5. The tooth whitening product of claim 1, wherein said tooth whitening composition further comprises a plasticizer having a concentration between about 1% and about 80% by weight of said tooth whitening composition.
6. The tooth whitening product of claim 5, wherein said plasticizer is polyethylene glycol.
7. The tooth whitening product of claim 1, wherein said polyvinyl alcohol has a hydrolysis between about 70% and about 91%.
8. The tooth whitening product of claim 1, wherein said backing layer is a laminate.

9. The tooth whitening product of claim 1, wherein said polyethylene oxide has an average molecular weight between about 300,000 and about 900,000.
10. The tooth whitening product of claim 1, wherein said tooth whitening composition comprises a mixture of two or more polyethylene oxides and wherein said polyethylene oxides have different average molecular weights.
11. The tooth whitening product of claim 1, wherein said tooth whitening agent is hydrogen peroxide.
12. The tooth whitening product of claim 1, wherein said first and second polymers are water soluble.
13. A method of manufacturing a tooth whitening composition, comprising:  
  
mixing a first mixture comprising a first water soluble polymer and a first solvent;  
  
mixing a second mixture comprising a second water soluble polymer and a second solvent;  
  
adding said first and second mixtures to form a third mixture; and  
  
mixing a tooth whitening agent with said third mixture.
14. The method of claim 13, wherein said first and second solvents are water.
15. The method of claim 13, wherein said first and second solvents are different.
16. The method of claim 13, wherein one of said first and second solvents comprises a mixture of solvents.